

THE EFFECT OF USING AN ELECTRONIC COURSE ON SATISFACTION AND ACADEMIC ACHIEVEMENT OF UNDERGRADUATE NURSING STUDENTS

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ABSTRACT

Electronic learning has become one of the fastest-moving trends in education and poses a promising alternative to traditional learning. The study aimed to design, implement and evaluate the effect of using an electronic course on undergraduate nursing students' satisfaction and academic achievement in course of ethical and legal issues in nursing. Quasi-experimental design was utilized to achieve the aim of the study. The study was conducted at Faculty of Nursing- Cairo University. Data were collected from January 2016 to July 2017. Four tools were designed to achieve the aim of the study; as follows: computer skills assessment; an electronic course in ethical and legal issues in nursing; student's satisfaction with electronic course questionnaire and the course's GPA auditing checklist. The study sample was a randomly selected (105) students be the experimental group who achieved the inclusion criteria and the control group that included (263) students. The results of the study revealed that, according to experimental group students' satisfaction with e- course; the mean percentage of total students' satisfaction with e-course was (98.5%). According to the difference between experimental and control groups students regarding pre-test, immediate post-test and final exam of the course, there is highly statistical significance difference between experimental and control groups regarding their pre-test ($t = - 7.41, P = 0.00$) and immediate post- test ($t = 29.47, P = 0.00$) of the course. While, there is statistical significance difference ($t = 2.37, P = 0.02$) between experimental and control groups regarding final exam. The study recommended that, at the level of the electronic ethical and legal issues in nursing course; encourage its use at the postgraduate level and at the other faculties of nursing level. At the level of faculty, working on more production and application of other e-courses in different disciplines.

KEYWORDS: Electronic Course, Satisfaction and Academic Achievement.